LABDEX

Laboratory Smart Mixer LX874LSM

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Description

Laboratory Smart Mixer LX874LSM is a highly efficient multifunctional mixer with mixing, shaking and vortex intelligent operation. It efficiently mixes PCR plates, deep well plates and microplates with vortex function of all kinds of tubes. Radius and dimensional technology blend in with adjustable mixing speed to ensure a fast and precise experiment.

Specifications

Shaking orbit	3 mm
Speed range	300 rpm ~ 3000 rpm
Touch vortex speed	3500 rpm
Time range	1 s ~ 99 h 59 min
Working noise	< 50 dB
Power	45 W
Fuse	250 V, 1 A, ϕ 5 × 20
Voltage	AC 100 ~ 230 V, 50 / 60 Hz
Dimensions	196 × 270 × 170 mm
Net weight	8 kg

Features

- Radius and dimensional technology with adjustable mixing speed for fast and precise experiment
- Intelligent operational mode with mixing, shaking and vortex
- Direct placing of 96-well skirted PCR plates and 384-well PCR plates, into the mixer without stand support

Applications

- Used in the preparation of PCR reaction system, precipitation suspension, incubation, protein staining, gene assays, premixed reaction system and mixing various kinds of tubes.

Blocks

Shaking plates	Shaking tubes

96 well PCR plates (skirted , semi-skirted and unskirted)	0.2 ml PCR tubes and PCR strips
384 PCR plates	0.5 ml Micro-test tube
96 and 384 deep well plates	1.5 ml Micro-test tube
MTP microplate and ELISA plate	2.0 ml Micro-test tube

Standard Accessories

Tube Stand No	Tube Stand Configuration
LSM1	96 x 0.2 ml Falcon tube standard
LSM2	24 x 0.5 ml Falcon tube standard
LSM3	25 x 1.5 / 2.0 ml Falcon tube standard
Tube stand No	Tube stand configuration
REMARK: 384 well PCR plates, microplates and deep well plates can be directly put into the stand without support	

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